

Listing of Claims:

Claims 1-10 (canceled):

Claim 11 (currently amended): The computer-readable ~~media memory~~ of claim 16, wherein the computer executable instructions, when executed by the data processing device, further performs: ~~readable media~~

~~receiving an identification of the item of interest by the user is configured to receive the user identified item of interest based on highlighting of the item via at least one of a mouse, a keystroke and an audio stimulus; and~~

~~highlighting the item of interest in the viewing region in response to the receiving the identification of the item of interest.~~

Claim 12 (currently amended): The computer-readable ~~media memory~~ of claim 16, wherein the computer executable instructions, when executed by the data processing device, further perform: ~~readable media is configured to remove~~

~~removing the graphical indicator from the scroll bar graphical user interface based on input unhighlighting the item of interest.~~

Claim 13 (currently amended): The computer-readable ~~media memory~~ of claim 16, wherein the computer executable instructions, when executed by the data processing device, further perform: ~~readable media is configured to return~~

~~displaying the item of interest within the viewing region to the user based on in response to an input moving the slider proximate to the graphical indicator or invoking the graphical indicator.~~

Claim 14 (currently amended): The computer-readable ~~media memory~~ of claim 16, wherein the computer executable instructions, when executed by the data processing device, further perform: ~~readable media is configured to receive~~

~~receiving an input invoking the graphical indicator via one or more of a mouse, a keystroke and an audio stimulus.~~

Claim 15 (currently amended): The computer-readable ~~media~~ ~~memory~~ of claim 1316, wherein the computer ~~executable instructions~~, when executed by the data processing device, further ~~perform~~-readable media is ~~configured to automatically return~~ displaying the item of interest within the viewing region ~~based on~~ in response to an input invoking the graphical indicator.

Claim 16 (currently amended): One or more computer-readable media comprising: stored ~~memory~~ ~~storing~~ computer executable instructions that, when executed by a data processing device, perform:
obtaining a location of an item of interest, identified by a user, within a set of information;
storing the location of the item of interest; and
providing~~provide~~ a graphical user interface comprising:
a viewing region ~~configured to display that provides a first user a window to observe at least a portion of information from a~~ the set of information;
a scroll bar that maps to the set of information;
a slider ~~associated with the scroll bar that is moved~~ ~~configured to move~~ relative to the scroll bar to determine ~~at least at~~ the portion of the set of information that is displayed within the viewing region; and
a location component that obtains a location of a user identified item of interest, generates a graphical indicator for the item of interest and maps the graphical indicator ~~displayed at a position relative to the scroll bar to provide the user with a visible indication of~~ ~~indicate~~ the location of the item of interest within the set of information[[; and]], and displayed at a size relative to the scroll bar to indicate a size of the item of interest relative to a size of the set of information, the size of the graphical indicator configured to dynamically change in response to a change in the size of the set of information.
a storage component, residing in connection with the locating component in a shared environment, that stores the location of the item of interest identified by the first user; wherein the computer readable media is ~~configured to prevent redundant tracking, and wherein preventing redundant tracking includes allowing~~

~~a second user access to the storage component to change the location of the item of interest concurrently with the first user.~~

Claim 17 (currently amended): The computer-readable ~~media memory~~ of claim 16, wherein the ~~graphical user interface further comprises~~ ~~location component~~ is further employed to generate and associate ~~one or more additional~~ graphical indicators for a ~~respective~~ one or more additional user identified items of interest ~~identified by the user~~.

Claim 18 (currently amended): The computer-readable ~~media memory~~ of claim 16, wherein the graphical indicator is ~~visible displayed~~ within the slider when the item of interest is ~~visible displayed~~ within the viewing window.

Claim 19 (canceled)

Claim 20 (currently amended): The computer-readable ~~media memory~~ of claim 16, wherein the graphical user interface further ~~comprising~~ ~~comprises~~:

~~one or more additional scroll bars; that are employed in connection with~~
~~one or more additional sliders configured to move relative to the one or more~~
~~additional scroll bars to move the set of information in multiple directions for positioning~~
~~the portion of the set of information within the viewing region; and to provide for multi-~~
~~dimensional tracking of the item of interest~~

~~one or more additional graphical indicitors corresponding to the item of interest~~
~~and displayed at positions relative to the one or more additional scroll bars to indicate the~~
~~location of the item of interest within the set of information; and~~

~~wherein the computer executable instructions, when executed by the data~~
~~processing device, further perform displaying the item of interest within the viewing~~
~~region in response to an input invoking any of the one or more additional graphical~~
~~indicators.~~

Claim 21-22 (canceled)

Claim 23 (currently amended): A method comprising:

receiving an input associated with a first user-identified point of focus within a list from a first user of a plurality of users ~~in a shared environment~~;

obtaining a location of the first user-identified point of focus within the list;

storing the location of the first user-identified point of focus within a memory;

and

generating a graphical user interface comprising:

a viewing region configured to display a portion of a list,

a scroll bar that maps to the list,

a slider configured to move relative to the scroll bar to determine the portion of the list displayed within the viewing region, and

~~adding~~ a first graphical indicator displayed at a position relative to the scroll bar to indicate the, ~~the first graphical indicator provides a relative location of the~~ first user-identified point of focus within the list and displayed at a size relative to the scroll bar to indicate a size of the item of interest relative to a size of the list, the size of the graphical indicator configured to dynamically change in response to a change in the size of the list. ;

~~changing the location of the point of focus based on input from a second user of the plurality of users in the shared environment; and~~

~~preventing redundant tracking, wherein preventing redundant tracking includes allowing the second user to access the stored location of the user-identified point of focus concurrently with the first user.~~

Claim 24 (currently amended): The method of claim 23, wherein the graphical user interface further comprises comprising adding a second graphical indicator displayed at a position relative to the scroll bar to indicate the location of, ~~the second graphical indicator is associated with~~ a second user-identified point of focus within the list; and

the method further comprising:

moving the second graphical indicator relative to the scroll bar in response to a user input; and

changing the location of the second point of focus ~~based on user input in response to the moving of~~ the second graphical indicator ~~on the scroll bar~~.

Claim 25 (previously presented): The method of claim 24, wherein the second graphical indicator is differentiated from the first graphical indicator by at least one of color, size, shape, and position.

Claim 26 (currently amended): The method of claim 23, further comprising providing information indicative of the first user-identified point of focus ~~based on in response to~~ a pointer positioned proximate to the first graphical indicator.

Claim 27 (currently amended): A method comprising:

receiving a position of a graphical indicator on a scroll bar, said graphical indicator associated with a point of focus;

obtaining a position location of the point of focus within data based on the position of ~~from~~ the graphical indicator on the scroll bar; and

utilizing the position location of the point of focus to locate the point of focus within the data;

changing the location of the point of focus based on a user input from a first user moving the graphical indicator on the scroll bar; and

changing the location of the point of focus based on a user input from a second user moving the graphical indicator on the scroll bar, wherein a size of the graphical indicator relative to the size of the scroll bar indicates a size of the point of focus relative to a size of the data, the size of the graphical indicator configured to dynamically change in response to a change in the size of the data. ; and

preventing redundant tracking,

~~wherein preventing redundant tracking includes allowing the second user to access the stored location of the user-identified point of focus concurrently with the first user.~~

Claim 28 (previously presented): The method of claim 27, further comprising providing information indicative of the point of focus based on a pointer positioned over the graphical indicator.

Claim 29 (currently amended): The method of claim 27, further comprising automatically returning the point of focus to the first based on the first user invoking the graphical indicator, and returning the point of focus to the second user based on the ~~first or~~ second user invoking the graphical indicator.

Claim 30 (currently amended): The method of claim 27, further comprising returning the point of focus to the first based on the first user manually navigating a slider proximate to the graphical indicator, and returning the point of focus to the second user based on the ~~first or~~ second user manually navigating a slider proximate to the graphical indicator.

Claim 31-32 (canceled)

Claim 33 (currently amended): The computer-readable media of claim 3220, wherein the computer executable instructions, when executed by the data processing device, further perform: the graphical user interface, upon

receiving input selecting any one of the graphical indicator and the one or more additional graphical indicators; and corresponding to the item of interest,

automatically moves all moving each slider to one of the graphical indicators. sliders proximate to a location on each corresponding scroll bar of the item of interest.

Claim 34-35 (canceled)

Claim 36 (currently amended): One or more computer-readable ~~media memory~~ storing computer executable instructions, that when executed by a processor, perform a method comprising:

receiving an input associated with a first user-identified point of focus within a list from a first user of a plurality of users ~~in a shared environment;~~

obtaining a location of the first user-identified point of focus within the list;
storing the location of the first user-identified point of focus within a memory;
and

generating a graphical user interface comprising:

a viewing region configured to display a portion of a list,

a scroll bar that maps to the list,

a slider configured to move relative to the scroll bar to determine the
portion of the list displayed within the viewing region, and

adding a first graphical indicator displayed at a position relative to the scroll bar
to indicate the , the first graphical indicator provides a relative location of the first user-
identified point of focus within the list and displayed at a size relative to the scroll bar to
indicate a size of the item of interest relative to a size of the list, the size of the graphical
indicator configured to dynamically change in response to a change in the size of the list.

⋮

changing the location of the point of focus based on input from a second user of
the plurality of users in the shared environment; and

preventing redundant tracking, wherein preventing redundant tracking includes
allowing the second user to access the stored location of the user identified point of focus
concurrently with the first user.

Claim 37 (currently amended): The computer-readable media of claim 36, wherein the
graphical user interface said method further comprises:

adding a second graphical indicator displayed at a position relative to the scroll
bar to indicate the location of , the second graphical indicator associated with a second
user-identified point of focus within the list; and

wherein the computer executable instructions, when executed by the processor,
further perform:

moving the second graphical indicator relative to the scroll bar in response to a
user input; and

changing the location of the second point of focus based on user input in response
to the moving of the second graphical indicator on the scroll bar.

Claim 38 (previously presented): The computer-readable medium of claim 37, wherein the second graphical indicator is differentiated from the first graphical indicator by at least one of color, size, shape, and position.

Claim 39 (currently amended): The computer-readable medium of claim 36, ~~-wherein the computer executable instructions, when executed by the processor, further perform further comprising~~ providing information indicative of the first user-identified point of focus ~~based on~~ in response to a pointer positioned proximate to the first graphical indicator.

Claim 40 (canceled)

Claim 41 (currently amended) The computer readable medium of claim 16, wherein the scroll bar includes a circular dial, wherein the slider rotates around the circular dial, and wherein a 360-degree rotation around the dial corresponds with traversing the set of information from one of: a beginning-to-end and a end-to-beginning.

Claim 42 (new) The computer-readable memory of claim 16, wherein the computer executable instructions, when executed by the data processing device, further perform; changing the location of the item of interest based on an input from a second user of the plurality of users in a shared environment.

Claim 43 (new) The method of claim 23, further comprising:

changing the location of the first user-identified point of focus based on an input from a second user of the plurality of users in a shared environment.

Claim 44 (new) The computer readable media of claim 36, wherein the computer executable instructions, when executed by a processor, further perform:

changing the location of the first user-identified point of focus based on an input from a second user of the plurality of users in a shared environment.

Claim 45 (new) An apparatus comprising a processor and computer readable memory storing computer executable instructions, that when executed by the processor, perform:

obtaining a location of an item of interest, identified by a user, within a set of information;

storing the location of the item of interest; and

providing a graphical user interface comprising:

a viewing region configured to display a portion of the set of information;

a scroll bar that maps to the set of information;

a slider configured to move relative to the scroll bar to determine the portion of the set of information displayed within the viewing region; and

a graphical indicator displayed at a position relative to the scroll bar to indicate the location of the item of interest within the set of information, and displayed at a size relative to the scroll bar to indicate a size of the item of interest relative to a size of the set of information, the size of the graphical indicator configured to dynamically change in response to a change in the size of the set of information.

Claim 46 (new): The apparatus of claim 45, wherein the graphical user interface further comprises one or more additional graphical indicators for a respective one or more additional items of interest identified by the user.

Claim 47 (new): The apparatus of claim 45, wherein the graphical indicator is displayed within the slider when the item of interest is displayed within the viewing window.

Claim 48 (new): The apparatus of claim 45, wherein the graphical user interface further comprises:

one or more additional scroll bars;

one or more additional sliders configured to move relative to the one or more additional scroll bars to move the set of information in multiple directions for positioning the portion of the set of information within the viewing region; and one or more

additional graphical indicators corresponding to the item of interest and displayed at positions relative to the one or more additional scroll bars to indicate the location of the item of interest within the set of information; and

wherein the computer executable instructions, when executed by the processor, further perform displaying the item of interest within the viewing region in response to an input invoking any of the one or more additional graphical indicators.